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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Z. Shpiro
Serial No.: 10/749,996
Conf. No.: 9977
Customer No.: 33123
Filed: December 31, 2003
For: **COMPREHENSIVE SPOKEN LANGUAGE LEARNING SYSTEM**
Art Unit: 2644
Examiner: Not assigned

CERTIFICATE OF MAILING PURSUANT TO 37 CFR 1.8

I hereby certify that this correspondence and the attached papers are being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated below in an envelope addressed to:

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P.O. Box 1450
Alexandria, VA 22313-1450

8-25-04 M. Middle Melander
Date Signature

INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE WITH 37 C.F.R. §§ 1.97-1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This Information Disclosure Statement (IDS) is filed pursuant to 37 C.F.R. § 1.97(c). Because this Information Disclosure Statement is filed prior to receipt of a first Office Action on the Merits for the above-captioned application, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 50-1213.

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this IDS that is prepared in accordance with 37 C.F.R. §§ 1.97-1.98. Form PTO-1449 (1 page) and copies of the cited documents are provided herewith in connection with the above-captioned application.

U.S. Serial No. 10/749,996

Shapiro, Z.

Information Disclosure Statement

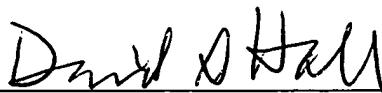
The documents listed on the attached Form PTO-1449 are in the English language. In accordance with 37 C.F.R. § 1.97(e), Applicant's representative certifies that documents P and Q were cited in a communication from a foreign patent office in connection with a counterpart foreign application not more than three months prior to the filing of the attached IDS. A copy of the communication, International Search Report for International PCT Application PCT/US03/41709 (item AF), is also provided. Hence, in accordance with the requirements of 37 C.F.R. § 1.98, no further explanation of the listed items is necessary.

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(b) exists.

Applicant respectfully requests that the Examiner review the references and make them of record in the file history of the above-captioned application.

Respectfully submitted,
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By:



David A. Hall
Registration No. 32,233

Attorney Docket No. 37818-6189

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for FORM 1449 PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/749,995
Filing Date	12/31/2003
First Named Inventor	Z. Shpiro
Art Unit	2644
Examiner Name	Not yet assigned

Attorney Docket Number 37818-6189

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A	US- 5,010,495		04/23/91	Willets	
B	US- 5,679,001		10/21/97	Russell et al.	
C	US- 5,791,904		08/11/98	Russell et al.	
D	US- 5,857,173		01/05/99	Beard et al.	
E	US- 6,151,577		11/21/00	Braun	
F	US- 6,226,611		05/01/01	Neumeyer et al.	
G	US- 6,397,185		05/28/02	Komissarchik et al.	
H	US- 20020150871 A1		10/17/02	Blass et al.	
I	US- 20020160341 A1		10/31/02	Yamada et al.	
J	US- 20030028378 A1		02/06/03	August et al.	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
K	EP1083536		03/14/2001	Chandrasekaran		
L	EP0665523 A3		08/02/1995	Bishop		
M	WO 01/52237		07/19/2001	Markov		
N	WO 99/13446		03/18/1999	Gottesfeld		
O	WO 98/14934		04/09/1998	Neumeyer		
P	JP2000395975		02/08/2002	Tei		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet

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Filing Date	12/31/2003
First Named Inventor	Z. Shapiro
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Attorney Docket Number	37818-6189

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	Q	JP2000250402	09/14/2000	Kono	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/749,996
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				Attorney Docket Number	37818-6189

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	R	Abstract from presentation "Speech Recognition Using Multi-State Acoustic and Articulatory Features Models with Asynchronous States Transition", at ICASSP2002.		
	S	Abstract from presentation "Speech Processing: Confidence Measures/Rejection", at ICASSP2003.		
	T	Ehsani et al, "Speech Technology In Computer-Aided Language Learning: Strengths and Limitations of a New Call Paradigm," LLT Journal, Vol. 2, No. 1,		
	"	July 1999 at 45-60; also available at http://llt.msu.edu/vol2num1/article3/index.html , May 13, 2001, pp. 1-23.		
	U	Russell et al, "The STAR System: An Interactive Pronunciation Tutor for Young Children", Computer Speech and Language (2000), Vol. 14, Article No.		
	"	10.1006/csla.2000.0139, 2000, Academic Press, pp. 161-175.		
	V	D. Herron et al., "Automatic Localization and Diagnosis of Pronunciation Errors for Second-Language Learners of English", Proc. 6th European Conference on		
	"	Speech Communication and Technology (1999), Budapest, Hungary, pp. 855-858.		
	W	B. Mak et al., "PLASER: Pronunciation Learning via Automatic Speech Recognition", Proceedings of HLT-NAACL03 (May 2003).		

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(Use as many sheets as necessary)				Filing Date	12/31/2003
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				Art Unit	2644
				Examiner Name	Not yet assigned
Sheet	4	of	5	Attorney Docket Number	37818-6189

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	X	Petrushin, V., "Learning Chinese Tones", Eurospeech 2003 - Geneva, pp. 3145-3148.			
	Y	Neumeyer et al, "WebGrader™: A Multilingual Pronunciation Practice Tool", Proc. Speech Technology in Language Learning Workshop, Stockholm, Sweden, 1998.			
	Z	Dalby et al, "Explicit Pronunciation Training Using Automatic Speech Recognition Technology", 1999 CALICO Journal, Volume 16, Number 3, pp 425-445.			
	AA	Witt et al, "Computer-assisted Pronunciation Teaching based on Automatic Speech Recognition", Proc. Language Teaching on Technology, 1997, pp. 1-12.			
	AB	Human Language Technology Office, Workshop overview from "Building Educational Applications Using Natural Language Processing", HTL/NAACL 2003 Workshop,			
	"	May 31, 2003 Edmonton, Canada, available at http://www.etstechnologies.com/NAACL/ .			
	AC	Chang, Kin Wah, Abstract from "Pruning of Hidden Markov Model with Optimal Brain Surgeon", MPhil Thesis Presentation, The Hong Kong University of			
	"	Science & Technology, Department of Electrical & Electronic Engineering, available at http://www.ee.ust.hk/announce/MPhil/CHAN.htm , May 2003			
	AD	Mak, Brian K W, Project Summary from "Effective Learning Of English Pronunciation Via Speech Recognition Technology", available at			
	"	http://rdportal.ust.hk/members/servlet/ResearchProjectDetails?Prj_No=QEF99/00.EG01 , May 2000.			

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NON-PATENT LITERATURE DOCUMENTS

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